

Ag 84Ch
222

FILMSTRIPS and SLIDE SERIES

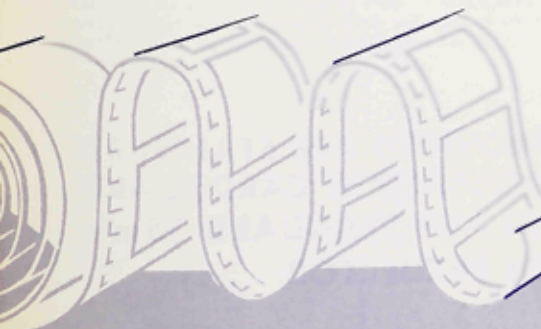
*of the
United States
Department
of
Agriculture*

LIBRARY

RECEIVED

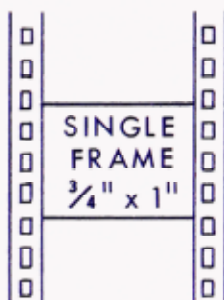
JAN 30 1962

U. S. DEPARTMENT OF AGRICULTURE
BELTSVILLE BRANCH

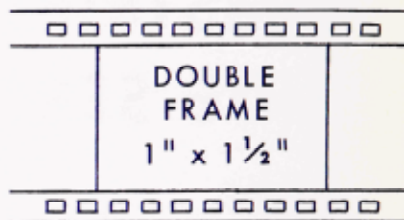


■ AGRICULTURE HANDBOOK NO. 222

FILMSTRIP SIZES



For Vertical
Projection



For Horizontal Projection
(can be cut and mounted
as 35mm slides)

WHEN ORDERING FILMSTRIPS, BE CERTAIN TO SPECIFY IF YOU DESIRE SINGLE OR DOUBLE FRAME.



SLIDES PROVIDED ARE STANDARD 35mm, MOUNTED IN CARDBOARD FOR USE IN ANY STANDARD 35mm (2X2) SLIDE PROJECTOR.

INFORMATION FOR PURCHASERS OF USDA FILMSTRIPS & SLIDE SETS

Filmstrips and slide sets of the United States Department of Agriculture cover many phases of agriculture and home economics. They are designed for use in teaching better farm and home practices and for the dissemination of information on the programs and research activities of the Department. Most of the material is prepared by the various subject-matter agencies in cooperation with Photography Division, Office of Information.

All filmstrips of the Department are on 35mm. nonflammable film. They cannot be used in motion picture projectors. Filmstrips are issued in single-frame, in double-frame, or both. The single-frame filmstrip may be used in any standard filmstrip projector. The double-frame strips can be shown only in projectors designed to accept them.

Slides provided are standard 35mm. slides mounted in cardboard. Glass-mounted slides are available at an additional cost of \$.10 per slide above basic slide set cost.

Topics are listed by subject matter in the contents, numerically on page 17, and alphabetically on page 19. Availability of single-frame, double-frame, or slides is indicated with each listing.

All the strips and slide sets listed in this catalog are silent; lecture notes are furnished unless otherwise noted. Where notes are not furnished the material is self-explanatory.

CATALOG SUPPLEMENT

A supplement to this catalog, listing new releases of the Department, will be available in April 1962. Copies may be obtained by writing direct to Photography Division, Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

INSTRUCTIONS FOR ORDERING

(Read these instructions before placing your order)

All orders should be sent directly to:

PHOTO LAB, INC.
3825 GEORGIA AVENUE, N. W.
WASHINGTON 11, D. C.

Remit by money order or check made payable to PHOTO LAB, INC.

Prices on all orders originating from outside the continental limits of the United States should include sufficient funds to cover cost of mailing.

DO NOT SEND ORDER TO THE DEPARTMENT OF AGRICULTURE

A money order or check should accompany each order, except in the case of large institutions which follow the practice of issuing formal purchase orders. However the contractor will not carry an open account for orders less than \$3.00.

Discount prices will be supplied on request for orders of 100 or more on a single subject.

For information regarding USDA filmstrips or slide series write to the Office of Information, United States Department of Agriculture, Washington 25, D. C.

GUIDE TO SUBJECTS

	Page
Agricultural economics	1
Agricultural engineering	1
Conservation	2
Extension Aids	5
Forestry	6
4-H Club Activities	6
Historical	7
Home economics	8
Horticulture	10
Insects	12
Livestock	13
Safety	13
Marketing	13
Nutrition	15
School lunch activities	15
U. S. Department of Agriculture	16
Numerical list	17
Alphabetical list	19

AGRICULTURAL ECONOMICS

FOOD IS A BARGAIN. No. C-83.

Released 1961. Color. USDA pamphlet as lecture notes. (19 frames: single or double frame filmstrip, \$6.00. Mounted slide set, \$6.95)

The story of how we're getting more food for our labor today, compared to 10 years ago. Colorful cartoons highlight the cost of food, the amount of service we get, the cost of marketing, and our relatively low-cost food bill.

FOOD COSTS. No. C-80.

Released 1961. Color. USDA pamphlet as lecture notes. (18 frames: single or double frame filmstrip, \$6.00. Mounted slide set, \$6.90)

Explains the relationship between retail prices, farm prices, and marketing spreads, and their part in the overall price paid by the consumer.

AGRICULTURAL OUTLOOK CHARTS. 1962. No. C-82.

Released 1961. Color. No notes. (164 frames: double frame filmstrip, \$14.00. Mounted slide set, \$22.20)

Charts of U. S. agricultural statistics presented to Agricultural Outlook Conference of November 1961. (Available as of November 1961)

AGRICULTURAL ENGINEERING

ELECTRIC FARMING GETS MORE TO MARKET. No. C-24.

Released 1952. Color. No notes. (50 frames: double frame only, \$6.00. Mounted slide set, \$8.50)

Modern electrical farm devices and appliances speed up many chores formerly done by hand. Farm products formerly handled by hand can now be made ready for marketing in much shorter time by the use of electricity.

IRRIGATING THE ELECTRIC WAY. No. C-38.

Released 1954. Color. No notes. (65 frames: double frame only, \$6.00. Mounted slide set, \$9.25)

Covers the many benefits of flood and sprinkler type of irrigating, and the advantages of driving the pumps by electricity.

FARM WATER SYSTEMS. No. C-50.

Released 1956. Color. (56 frames: double frame only, \$6.00.

Mounted slide set, \$8.80)

Takes a practical how-to-do-it approach to the job of promoting water systems. It deals with the problems of adequate water supply, hard water, pump location and protection, financing, installation, and sewage disposal.

DRYING EAR CORN WITH FORCED AIR. No. 697.

Released 1952. Black and white. (43 frames: single or double frame, \$2.00. Mounted slide set, \$4.15)

Corn is too valuable a crop to be wasted. The thousands of bushels that spoil on our farms each year because kernel moisture content is too high for safe storage add up to an avoidable dollars-and-cents loss for individual farmers, and a heavy loss of potential feed for this country's livestock.

CONSERVATION

AMERICA THE BEAUTIFUL. No. C-77.

Released 1961. Color. Lecture notes. (52 frames: single or double frame filmstrip, \$6.00. Mounted slide set, \$8.60)

Set of 50 color shots, one from each State, that illustrates how good conservation practices have changed the agricultural landscape.

SOIL CONSERVATION IS YOUR BUSINESS. No. 706.

Released 1952. Black & white. (63 frames: single or double, \$2.00. Mounted slide set, \$5.15)

Prepared primarily for showing to urban audiences. Should be of interest, however, to many farm groups. The first part of this film emphasizes our dependence on the soil, then depicts some of the consequences of soil impoverishment. Shows that soil destruction is not necessary and shows some conservation measures.

KNOW YOUR LAND. No. C-8.

Released 1949. Color. (45 frames: double frame only, \$6.00. Mounted slide set, \$8.25)

Shows a practical land classification that will indicate the best land use and treatment for the various areas of the farm.

FARM TO FIT YOUR LAND. No. 676.

Released 1947. Black & white. (62 frames: single or double, \$2.00. Mounted slide set, \$5.10)

Helps to depict the best use and treatment of land for practical purposes; classifies the land according to what it can produce best and still retain its productivity.

RAINDROPS AND EROSION. No. 672.

Released 1947. Black & white. (50 frames: single or double, \$2.00. Mounted slide set, \$4.50)

Shows results of research relating to damage caused by raindrops beating on soil. Illustrates raindrops as a primary cause of destruction of topsoil. Depicts many of the processes of raindrop action and discusses their effects in destroying soil fertility, causing flood runoff, and accelerating harmful silt accumulation in streams and reservoirs.

THE LAND AND THE BOOK. No. C-22.

Released 1952. Color. (99 frames: single frame only, \$8.00. No slides available)

The Bible contains many references to the land and to man's dependence upon it. Many of the verses are arranged to tell the story of man's stewardship of the soil. This film was prepared to meet the demand for material that can be used in church services.

IRRIGATION--LIFEBLOOD OF THE WEST. No. 680.

Released 1947. Black & white. (56 frames: single or double, \$2.00. Mounted slide set, \$4.80)

Shows history and development of agriculture in the West and its value in converting the arid and semiarid land of this area into prosperous and productive farms.

GREAT FLOOD, THE. No. 699.

Released 1952. Black & white. (39 frames: single or double, \$2.00. Mounted slide set, \$3.95)

This is a story, in pictures, about the big flood that ravaged most of Kansas and parts of neighboring States in July 1951. It is also a story about floods in general. Destructive floods of this type have been causing more and more damage with each passing decade. Some methods of flood control are depicted.

WIND EROSION CONTROL

C-62. Wind Erosion Control Under Irrigation. Color. (40 frames: double frame only, \$6.00. Mounted slide set, \$8.00)

C-63. Wind Erosion Control Through Tillage and Ridge Planting. Color. (37 frames: double frame only, \$6.00. Mounted slide set, \$7.85)

C-64. Developing Pastures and Establishing Alfalfa Under Wind Erosion Hazard. Color. (39 frames: double frame only, \$6.00. Mounted slide set, \$7.95)

C-65. Winter Cover Crops and Crop Residues for Wind Erosion Control. Color. (48 frames: double frame only, \$6.00. Mounted slide set, \$8.40)

C-66. Strip Cropping for Wind Erosion Control and Vetch in Corn for Soil Improvement. Color. (29 frames: double frame only, \$6.00. Mounted slide set, \$7.45)

These five filmstrips, with lecture notes, report studies on wind erosion control on irrigated lands at the Wind Erosion Control Farm, Columbia Basin, Prosser, Washington.

All five filmstrips should be seen to get a complete picture of the problems and solutions encountered in converting desert or arid lands into irrigated farms.

This visual report will be particularly helpful to agricultural extension agents, Soil Conservation technicians, 4-H Club leaders, vocational agricultural teachers, and various farm organizations.

CORN BELT FARMERS FIGHT EROSION. No. 572.

Released 1939. Black & white. (43 frames: single only, \$2.00. No slides available)

They do it by contour farming, terracing, rotation planting, diversion drainage, check dams.

WILD FRUITS FOR SOIL CONSERVATION. No. 668.

Released 1946. Black & white. (36 frames: single or double, \$2.00. Mounted slide set, \$3.80)

Shows how some eroded and odd areas of wasteland can be used to produce edible fruits for human nutrition. In such areas family diet lacks the fruits needed for adequate nutrition. But in these areas native or adopted fruits could be produced on waste acreage and serve for both land protection and food.

WILDLIFE AND SOIL CONSERVATION. No. 670.

Released 1947. Black & white. (58 frames: single or double, \$2.00. Mounted slide set, \$4.90)

Shows how farmers can increase and protect wildlife by improving their land pattern providing travel lanes and growing suitable vegetation on wasteland. When properly planted this will provide shelter and food for wildlife. An abundance of songbirds, game, fur-bearing animals, and other types of wildlife makes farms more valuable and farm life more enjoyable.

BIRDS--THEIR VALUE TO AGRICULTURE. No. 675.

Released 1947. Black & white. (61 frames: single or double, \$2.00. Mounted slide set, \$5.05)

Depicts life and habits of birds and their economic value due to their use of insects as food. Shows means and provision for protection and emergency feeding.

EXTENSION SERVICE AIDS

HOME DEMONSTRATION MEMBERSHIP STUDIES. No. C-72.

Released 1959. Color. No notes. (22 frames: double only, \$6.00.
Mounted slide set, \$7.10)

A review of the characteristics of Home Demonstration Club members, including their economic and educational levels, their interests, family problems and needs. Based upon a 1957 national survey.

SCOPE REPORT. No. C-69.

Released 1958. Color. No notes. (30 frames: double only, \$6.00.
Mounted slide set, \$7.50)

Covers the scope and responsibility of the Cooperative Extension Service today. The 1958 report of a subcommittee to the Extension Committee on Organization and Policy.

FARM AND HOME DEVELOPMENT. No. C-55.

Released 1956. Color (40 frames: double only \$6.00. Mounted slide set, \$8.00)

This filmstrip is intended to help agents explain to groups the concept of Farm and Home Development. Illustrates typical family goals and explains available resources and use of them in obtaining good family living.

PLANNING OUR FAMILY LIFE. No. 587.

Revised 1944. Black & white. (59 frames: single only, \$2.00. No slides available)

Where each in a family group shares equally in planning for the farm, home, and members, the problems of everyday life are solved cooperatively, and the children learn their relationship and responsibilities to their community and Nation.

OBJECTIVES OF MARKETING INFORMATION FOR CONSUMERS. No. C-52.

Released 1956. Color. (16 frames: double only, \$6.00. Mounted slide set, \$6.80)

Designed for use by consumer marketing specialists in explaining consumer marketing programs to the public.

TOOLING UP FOR THE JOB. No. C-41.

Released 1955. Color. No notes. (23 frames: double only, \$6.00. Mounted slide set, \$7.15)

Outlines needs and interests of young people in four age groups and suggests program tools for use in an Extension Program.

POSTERS TEACH NUTRITION AROUND THE WORLD. No. C-45.

Released 1955. Color. (52 frames: double only, \$6.00. Mounted slide set, \$8.60)

Illustrates how governments are trying to help individuals and families improve their food practices. The posters collected from countries around the world have been brought together as a filmstrip

for use by workers and students concerned with developing visual aids to help improve food practices.

EFFECTIVE USE OF VISUALS IN AGRICULTURE. No. C-44.
Released 1955. Color. No notes. (16 frames: double only, \$6.00.
Mounted slide set, \$6.80)

Deals with factors involved in the preparation of visual aids for use in presenting agricultural information through various visual media.

A JOB FOR YOU IN AGRICULTURAL JOURNALISM. No. C-60.
Released 1957. Color. (50 frames: double only, \$6.00. Mounted slide set, \$8.50)

Prepared with the cooperation of land grant colleges, this film-strip is intended as a guide for groups and classes in creative writing at the senior high or early college level. It explains the opportunities of a career in the agricultural journalistic field.

AGRICULTURE THEN AND NOW. No. 707.
Released 1953. No notes. Black & white. (101 frames: double only, \$3.00. Mounted slide set, \$8.05)

Commemorates 50 years of the Extension Service's educational work with American agriculture.

FORESTRY

COMMUNITY FORESTS, A LOCAL ASSET. No. 604.
Released 1941. Black & white. (79 frames: single or double, \$3.00. Mounted slide set, \$6.95)

A pre-revolutionary community forest has been a valuable asset from the start. Such forests in a number of States now yield profit, employment, and recreation.

PRODUCTION OF MAPLE SYRUP, THE. No. 682.
Released 1948. Black & white. (59 frames: single or double, \$2.00. Mounted slide set, \$4.95)

Shows the value of maple-syrup production in the United States, and something of the process used.

4-H CLUB ACTIVITIES

4-H CLUB WORK IN THE U. S. A. No. 698.
Released 1952. Black & white. (54 frames: single or double, \$2.00. Mounted slide set, \$4.70)

A pictorial record of 4-H Club activities in the United States.

HISTORICAL

GEORGE WASHINGTON, THE FARMER. No. 277.

Released 1932. Black & white. (74 frames: single only, \$2.00.
No slides available)

Prepared in celebration of the two hundredth anniversary of the birth of George Washington. Phases of his early life and his home surroundings as a country gentleman.

ON THE TRAIL OF GEORGE WASHINGTON. No. 299.

Released 1932. Black & white. (75 frames; single only, \$2.00.
No slides available)

Prepared in celebration of the two hundredth anniversary of George Washington's birth. Made up of scenes associated with the life of Washington from the time of his birth through youth, Mount Vernon days, the war, and the early years of our democracy.

THOMAS JEFFERSON, THE FARMER. No. 653.

Released 1944. Black & white. (63 frames: single or double, \$2.00. Mounted slide set, \$5.15)

Jefferson was the first to become interested in many phases of the work now pursued by the United States Department of Agriculture and the land-grant colleges. His enunciation of the principles of the importance of agriculture to the Nation's economy; his deep love of farming; his never-ending search for improved methods, laborsaving implements and machines, and better crops and livestock; his views on agricultural education, experimentation, and cooperative action.

RURAL COLONIAL AND EARLY AMERICAN HOMES AND GARDENS. No. 331.

Released 1936. Black & white. (63 frames: single only, \$2.00.
No slides available)

Exteriors and interiors of a variety of American homes of interest because of their historic and architectural values.

HOMEMAKING IN COLONIAL DAYS. No. 555.

Released 1939. Black & white. (64 frames: single only, \$2.00.
No slides available)

Early American home furniture and utensils, with views of early interiors and of modern conveniences.

COLONIAL HOME INDUSTRIES. No. 517.

Released 1939. Black & white. (60 frames: single only, \$2.00.
No slides available)

Briefly traces development of the home textile industry and early home equipment to present-day handicrafts. Some patterns designed by homemakers through the years.

HISTORIC RURAL HOMES. No. 334.

Released 1936. Black & white. (48 frames: single only, \$2.00.
No slides available)

Farm homes of interest because of their historic and architectural values and their association with leaders in American farming.

AGRICULTURE THEN AND NOW. No. 707.

Released 1953. No notes. Black & white. (101 frames: double only, \$3.00. Mounted slide set, \$8.05)

Commemorates 50 years of the Extension Service's educational work with American agriculture.

HOME ECONOMICS

A STEP-SAVING U KITCHEN. No. C-2.

Released 1949. Color. (40 frames: double only, \$6.00. Mounted slide set, \$8.00)

Shows details of the step-saving U Kitchen, which was built in the laboratories of the Bureau of Human Nutrition and Home Economics, USDA, and designed according to work simplification principles.

BELTSVILLE ENERGY SAVING KITCHEN WORKROOM. No. C-58.

Released 1957. Color. (35 frames: double only, \$6.00. Mounted slide set, \$7.50)

Shows a kitchen workroom developed by housing specialists at the home economics laboratories at Beltsville Research Center. It is based on research into energy costs and space needs for performing household tasks.

CHILDREN IN KITCHENS. No. 718.

Released 1958. Black & white. (57 frames: single only, \$2.00.
No slides available)

Prepared by the Women's College and the Agricultural Experiment Station of the University of North Carolina. Based upon a study of the provisions and space used for the activities of pre-school children. Special attention is given to supervised and independent activities, such as proper toy storage, seating in eating areas, play centers, and family rooms.

POTS AND PANS FOR YOUR KITCHEN. No. 693.

Released 1951. Black & white. (43 frames: single only, \$2.00.
No slides available)

This filmstrip was made to help you decide what are the essential pieces for your kitchen and then to show what to look for in selecting pans, whether you are fitting out a kitchen for the first time, replacing poor or wornout utensils, or adding pieces to complete your present set.

FREEZING BROCCOLI AND CORN ON THE COB. No. C-29.

Released 1953. Color. (35 frames: double only, \$6.00. Mounted slide set, \$7.50)

Want to freeze those fresh, tender vegetables right from your garden? This filmstrip gives the how-to-do-it story for corn on the cob and broccoli. The freezing of these two vegetables illustrates the main steps in the freezing of any vegetable.

FREEZING STRAWBERRIES AND PEACHES. No. C-30.

Released 1953. Color. (35 frames: double only, \$6.00. Mounted slide set, \$7.50)

Freezing is one of the simplest and least time-consuming ways to preserve fruits. This film shows how to freeze fruits in sugar and in sirup, illustrating step by step with strawberries and peaches. The same general steps are followed when freezing other fruits.

NON-FAT DRY MILK IN FAMILY MEALS. No. C-78.

Released 1961. Color. (23 frames: single or double, \$6.00. Mounted slide set, \$7.15)

Demonstrates the proper use of non-fat dry milk and gives a few recipes for use in family meals along with other low cost commodities.

DRY EGGS IN FAMILY MEALS. No. C-79.

Released 1961. Color. (30 frames: single or double, \$6.00. Mounted slide set, \$7.50)

Demonstrates the proper use of dry eggs and gives a few recipes for use in family meals along with other low cost commodities.

MAIN DISHES IN FAMILY MEALS. No. C-81.

Released 1961. Color. (22 frames: single or double, \$6.00. Mounted slide set, \$7.10)

Demonstrates use of USDA distributed commodities in low cost family meals.

WHEN ITS YOUR TURN AT THE MEAT COUNTER. No. C-16.

Revised 1957. Color. (28 frames: double only, \$6.00. Mounted slide set, \$7.40)

Gives consumers information to assist them with the purchase of beef. It shows the various Federal grades of beef sold at retail and suggests how beef can best be used by grade and cut. All conventional retail cuts are shown.

STEP BY STEP IN EVERYDAY TASKS. No. 643.

Released 1944. Black & white. (60 frames: single or double, \$2.00. Mounted slide set, \$5.00)

No one can afford to spend all day doing housework, or neglect it too much because of outside activities. A good manager works quickly and easily, gets the job done, and has time left for other things. There is a short and easy way to do every task. Unnecessary

motions and steps need to be eliminated. The correct way of doing a job must be put into practice.

FINDING MINUTES. No. 638.

Released 1943. Black & white. (43 frames: single or double, \$2.00. Mounted slide set, \$4.15)

If you are losing time and zest in your homemaking chores these illustrations may help you to find where the fault lies. Proper planning of your work and the utilization of efficient methods can leave you time for healthful recreation, leisure, and fellowship.

SIMPLE WAY TO IRON A SHIRT, A. No. 649.

Released 1944. Black & white. (44 frames: single or double, \$2.00. Mounted slide set, \$4.20)

Presents a quick, simple method of ironing men's shirts which requires much less time than the usual methods.

FITTING DRESSES. No. C-13.

Released 1950. Color. (31 frames: double only, \$6.00. Mounted slide set, \$7.55)

Instructs women in making simple alterations to solve common dress-fitting problems.

THE FIT OF A MAN'S SUIT. No. 709.

Released 1954. Black & white. (30 frames: double only, \$2.00. Mounted slide set, \$3.50)

Explains factors to be considered in judging the fit of a man's suit.

A MAN'S APPEARANCE COUNTS. No. C-36.

Released 1954. Color. (39 frames: double only, \$6.00. Mounted slide set, \$7.95)

Explains factors to be considered by men in choosing clothes suited to themselves and to different occasions.

QUALITY OF A MAN'S SUIT. No. 710.

Released 1954. Black & white. (29 frames: double only, \$2.00. Mounted slide set, \$3.45)

Explains factors to be considered in buying a man's suit.

HORTICULTURE

NEW GARDENER, THE. No. 641.

Released 1943. Black & white. (49 frames: single or double, \$2.00. Mounted slide set, \$4.45)

Charts the beginner's course simply and in detail through the main steps in gardening. We see how to prepare the ground, how to plant various seeds, how far apart, and not too thick or deep; how and when to transplant, weed, stake, and harvest.

PLANNING THE HOME VEGETABLE GARDEN. No. 692

Released 1951. No notes. Black & white. (36 frames: single or double, \$2.00. Mounted slide set, \$3.80)

Shows the method of organizing the planning of a complete and well-rounded-out vegetable garden from a practical as well as nutritional standpoint.

BACKYARD VEGETABLE GARDEN, A. No. 657

Released 1945. Black & white. (60 frames: single or double, \$2.00. Mounted slide set, \$5.00)

The process of growing vegetables in a 30- by 50-foot plot in a small suburban backyard. The filmstrip covers selecting the site; planning the garden; spading and preparing the ground; planting, thinning, staking tomatoes and beans; cultivating, irrigating, and succession cropping. A section on making compost is included.

SUMMER CARE AND HARVESTING IN THE HOME GARDEN. No. 704

Released 1952. Black & white. (35 frames: single or double, \$2.00. Mounted slide set, \$3.75)

Shows modern techniques in the care of a vegetable garden through the growing months and the best methods of harvesting at the proper time, including the use of new and up-to-date gardening tools, etc.

SPECIAL TECHNIQUES FOR THE HOME GARDENER. No. 705.

Released 1952. Black & white. (35 frames: single or double, \$2.00. Mounted slide set, \$3.75)

Teaches the most modern techniques in planning and growing a vegetable garden that will give the greatest return in quality and quantity.

HOME-GROWN PLANTS FOR TRANSPLANTING. No. 656.

Released 1945. Black & white. (37 frames: single or double, \$2.00. Mounted slide set, \$3.85)

Many gardeners in town and city and on the farm will find it advantageous to grow their own plants for setting out. This filmstrip shows in close-up detail, step by step, the various operations and tricks of the process--preparing the soil, putting it in boxes, treating seed, planting seed, caring for the young plants, transferring them to flats, cups, and pots, and finally setting them out.

EVERGREEN SHRUBS FOR DOORYARD PLANTING. No. C-47.

Released 1956. Color. (50 frames: double only, \$6.00. Mounted slide set, \$8.50)

Shows some of the better dwarf evergreen shrubs suitable for outdoor planting. Designed to help identify these plants by name and see their form and color. Especially useful to State and county extension workers, garden leaders, nurserymen, home owners, and others interested in information regarding plant materials that can be used for landscaping.

INSECTS

INSECTS, THEIR GROWTH AND STRUCTURE. No. 399

Released 1936. Black & white. (44 frames: single only, \$2.00.
No slides available)

Drawings show types and kinds of insects, the external anatomy, the internal anatomy in general, and some life cycles.

ANATOMY OF THE HONEYBEE, THE. No. 151.

Revised 1939. Black & white. (33 frames: single or double, \$2.00.
Mounted slide set, \$3.65)

Detail structures of the parts of worker, queen, and drone as an aid in knowing bee culture and activity.

DIAGNOSIS OF BEE DISEASES IN THE APIARY. No. 171.

Slightly revised 1942. Black & white. (58 frames: single only, \$2.00. No slides available)

The symptoms of the different diseases of bees distinguished in the apiary and methods of control are shown and discussed. This filmstrip is intended for extension workers, State apiary inspectors, and instructors in agriculture. Workers thoroughly familiar with bee diseases can substitute their own notes.

FIRST LESSONS IN BEEKEEPING. No. 346.

Slightly revised 1941. Black & white. (45 frames: single only, \$2.00. No slides available)

Standard equipment and practical method of handling bees for production of honey for home use.

TRANSFERRING BEES TO MOVABLE-FRAME HIVES. No. 616.

Released 1942. Black & white. (36 frames: single or double, \$2.00. Mounted slide set, \$3.80)

The honey supply of this country can be greatly increased if bees are handled by modern methods. Here we follow through in detail the method of transferring bees from box hives and log "gums" to modern movable-frame hives, from the beginning of smoking and drumming out the bees, cutting combs to be moved, care in handling, use of modern equipment, to the final views in the filmstrip of an apiary built for northern winters and how to shelter it from the wind.

GRAIN SANITATION. No. 708.

Released 1954. Black & white. (54 frames: double only, \$2.00.
Mounted slide set, \$4.70)

Shows various insects that attack grain, the damage caused by insects and rodents, and methods of preventing insect infestation and rodent contamination of grain in storage.

LIVESTOCK

LIVESTOCK MARKET NEWS IN ACTION. No. 722.

Released 1959. Black & white. (15 frames: single or double, \$2.00. Mounted slide set, \$2.75)

Tells how USDA provides up-to-the-minute market news on livestock, meats, and wool.

IMPROVING DAIRY HERDS. No. C-25.

Released 1952. Color. (39 frames: double only, \$6.00. Mounted slide set, \$7.95)

Gives methods of developing a high-producing and profitable dairy herd.

PLANTS POISONOUS TO LIVESTOCK. No. C-54.

Released 1956. Color. (43 frames: double only, \$6.00. Mounted slide set, \$8.15)

Selected plants causing livestock losses by poisoning are illustrated to help ranchers and herders learn to identify them. Notes tell about growing habits of plants and what animals they affect.

RABBIT RAISING. No. 685.

Released 1949. Black & white. (50 frames: double only, \$2.00. Mounted slide set, \$4.50)

Presents information on desirable practices for breeding and feeding the domestic rabbit, and marketing its meat, pelts, and wool. This information is suitable for both the small backyard rabbitry and the full-time operator.

SAFETY

PREVENT FARM FIRES. No. 642.

Released 1944. (38 frames: single or double, \$2.00. Mounted slide set, \$3.80)

A challenge to you! Help to reduce the annual fire loss in your county by fireproof construction; replacements, not patches; approved wiring. Twenty percent of the fires are caused by human beings through carelessness with matches, cleaning fluids, and other combustible materials. Eliminate fire hazards, inside and out. They are costly.

MARKETING

MARKETING BUILDS PRODUCE SALES. No. C-57.

Released 1957. Color. (19 frames: double only, \$6.00. Mounted slide set, \$6.95)

Filmstrip based on research conducted by the Agricultural Marketing Service, USDA. Includes information based on studies of shelf life and prepackaging of fruits and vegetables. Also discusses merchandising methods.

RETAILING PREPACKAGED PRODUCE. No. 691.

Released 1951. Black & white. (42 frames: single only, \$2.00.
No slides available)

The housewife may buy fruits and vegetables in various forms. The retailer's methods of handling, displaying, and merchandising the goods have much to do with the success or failure of his business and the business of the farmers and distributors who supply him. This film deals exclusively with prepackaged fruits and vegetables.

MAINTAINING GARDEN FRESHNESS IN FRUITS AND VEGETABLES. No. C-48.

Released 1956. Color. (29 frames: double only, \$6.00. Mounted slide set, \$7.45)

Shows the effect of temperature moisture and handling practices on fresh fruit and vegetable quality including suggestions and recommendations for storing, prepackaging and displaying so as to extend the store shelf life and reduce deterioration.

PROTECT FROZEN FOODS FROM TEMPERATURE DAMAGE. No. C-70.

Released 1958. Color. No notes. (24 frames: double only, \$6.00. Mounted slide set, \$7.20)

A report of the time-temperature-tolerance project of U. S. D. A.'s Western Regional Research Laboratory in Albany, Calif. Reports quality changes in frozen fruits, vegetables, juices, poultry and prepared foods under varying temperatures, related to time periods.

U. S. STANDARDS FOR QUALITY OF EGGS. No. C-53.

Released 1957. Color. (39 frames: double only, \$6.00. Mounted slide set, \$7.95)

Illustrates the candled appearance of the official U. S. Standards for Grades of both white and brown eggs. It also pictures the four qualities of uncooked, poached, fried and hard cooked. Intended primarily for those interested in producing, processing, grading and packing eggs.

U. S. STANDARDS FOR QUALITY OF READY-TO-COOK POULTRY. No. C-59.

Released 1957. Color. (53 frames: double only, \$6.00. Mounted slide set, \$8.65)

Illustrates the U. S. Standards of Quality for stewing chickens, young chickens, and turkeys. It pictures the factors of fleshing and fat cover, primarily, but also shows examples of protruding pin feathers and several types of bruises. Intended as a teaching aid and for use of poultry graders.

FOOD COSTS. No. C-80.

Released 1961. Color. USDA pamphlet as lecture notes. (18 frames: single or double, \$6.00. Mounted slide set, \$6.90)

Explains the relationship between retail prices, farm prices, and marketing spreads, and their part in the overall price paid by the consumer.

NUTRITION

FOOD FOR FITNESS. No. C-68.

Released 1958. Color. (24 frames: double only, \$6.00. Mounted slide set, \$7.20)

A new daily food guide developed by nutritionists of the U. S. Department of Agriculture makes it easy to select nutritious meals based on four kinds of foods. (1) Milk. (2) Meat or alternate. (3) Vegetables and fruits. (4) Breads and cereals. Examples of suggested foods are shown and typical meals are illustrated.

WEIGHT CONTROL--(The Oopsies) No. C-74.

Released 1960. Color. (22 frames: single or double, \$6.00. Mounted slide set, \$7.10)

Story of two simple art work characters who discover they have allowed themselves to get overweight. They tell why people get fat, why people want to reduce, and what helps most.

IS RESEARCH YOUR JOB? CAREERS IN HUMAN NUTRITION AND HOME ECONOMICS. No. C-37.

Released 1954. Color. (30 frames: double only, \$6.00. Mounted slide set, \$7.50)

Describes research activities and experiments in home economics and nutrition being carried on at the U. S. Agricultural Research Center, Beltsville, Md., and the background and qualifications of those engaged in this research.

School Lunch Activities

PREPARING A SCHOOL LUNCH. No. C-35.

Released 1954. Color. (28 frames: double only, \$6.00. Mounted slide set, \$7.40)

Explains the food management practices used by a school lunch manager and her assistants in preparing school lunches for 150 children. Prepared especially for use by school lunch personnel.

LET'S HAVE MORE VITAMIN A AND C FOODS IN SCHOOL LUNCHES. No. C-40.

Released 1954. Color. (15 frames: double only, \$6.00. Mounted slide set, \$6.75)

Explains the importance of vitamins A and C to growing children and suggests ways to make sure that the foods served in school lunch programs contain sufficient quantities of these two vitamins.

COOKING FRESH VEGETABLES FOR THE SCHOOL LUNCH. No. C-23.

Released 1952. Color. (27 frames: double only, \$6.00. Mounted slide set, \$7.35)

Deals with the use of fresh vegetables in the school lunch. Approved methods of cooking vegetables by boiling, steaming, and baking are shown. Prepared especially for training school lunch workers.

GLAMORIZING VEGETABLES. No. C-76.

Released 1961. Color. (24 frames: single or double, \$6.00.
Mounted slide set, \$7.20)

Designed to stimulate increased use of nutritious vegetables in the school lunch program. Gives hints on preparation for efficient service and attractiveness.

U. S. DEPARTMENT OF AGRICULTURE

STORY OF A USDA POPULAR BULLETIN No. 723.

Released 1959. Black & white. (26 frames: single or double, \$2.00. Mounted slide set, \$3.30)

Tells the story of the processes involved in the preparation of a USDA bulletin.

CLASSIFICATION IN A NUTSHELL. No. C-15.

Revised 1956. Color. No notes. (33 frames: double only, \$6.00. Mounted slide set, \$7.65)

A visual presentation developed by the Department of Agriculture and designed to acquaint employees and supervisors with the principles of classification in the Federal service. See publication "Classification in a Nutshell" issued by U. S. Civil Service Commission. 1955.

NUMERICAL LIST

Black and White

	Page
151. Anatomy of the honeybee, The	12
171. Diagnosis of bee diseases in the apiary	12
277. George Washington, The farmer	7
299. On the trail of George Washington	7
331. Rural colonial and early American homes and gardens	7
334. Historic rural homes	8
346. First lessons in beekeeping	12
399. Insects, their growth and structure	12
517. Colonial home industries	7
555. Homemaking in colonial days	7
572. Corn Belt farmers fight erosion	4
587. Planning our family life	5
604. Community forests, a local asset	6
616. Transferring bees to movable-frame hives	12
638. Finding minutes	10
641. New gardener, The	10
642. Prevent farm fires	13
643. Step by step in everyday tasks	9
649. Simple way to iron a shirt, A	10
653. Thomas Jefferson, the farmer	7
656. Home-grown plants for transplanting	11
657. Backyard vegetable garden, A	11
668. Wild fruits for soil conservation	4
670. Wildlife and soil conservation	4
672. Raindrops and erosion	3
675. Birds--their value to agriculture	4
676. Farm to fit your land	2
680. Irrigation--lifeblood of the West	3
682. Production of maple syrup, The	6
685. Rabbit raising	13
691. Retailing prepackaged produce	14
692. Planning the home vegetable garden	11
693. Pots and pans for your kitchen	8
697. Drying ear corn with forced air	2
698. 4-H Club work in the U. S. A.	6
699. Great flood, The	3
704. Summer care and harvesting in the home garden	11
705. Special techniques for the home gardener	11
706. Soil conservation is your business	2
707. Agriculture then and now	6, 8
708. Grain Sanitation	12
709. The fit of a man's suit	10
710. Quality of a man's suit	10
718. Children in the kitchen	8
722. Livestock market news in action	13
723. Story of a USDA popular bulletin	16

Color

	Page
C-2. A step-saving U kitchen.	8
C-8. Know your land	2
C-13. Fitting dresses	10
C-15. Classification in a nutshell.	16
C-16. When it's your turn at the meat counter	9
C-22. The land and the book	3
C-23. Cooking fresh vegetables for the school lunch	15
C-24. Electric farming gets more to market	1
C-25. Improving dairy herds.	13
C-29. Freezing broccoli and corn on the cob	9
C-30. Freezing strawberries and peaches	9
C-35. Preparing a school lunch.	15
C-36. A man's appearance counts	10
C-37. Is research your job?	15
C-38. Irrigating the electric way.	1
C-40. Let's have more vitamin A and C foods in school lunches	15
C-41. Tooling up for the job	5
C-44. Effective use of visuals in agriculture	6
C-45. Posters teach nutrition around the world	5
C-47. Evergreen shrubs for dooryard planting.	11
C-48. Maintaining garden freshness in fruits and vegetables.	14
C-50. Farm water systems.	2
C-52. Objectives of marketing information for consumers	5
C-53. U. S. Standards of quality for shell eggs	14
C-54. Plants poisonous to livestock	13
C-55. Farm and home development	5
C-57. Marketing builds produce sales.	13
C-58. Beltsville energy saving kitchen workroom.	8
C-59. U. S. Standards for ready-to-cook poultry.	14
C-60. A job for you in agricultural journalism.	6
C-62. Wind erosion control under irrigation	3
C-63. Wind erosion control through tillage and ridge planting.	3
C-64. Developing pastures, establishing alfalfa under wind erosion hazard	3
C-65. Winter cover crops and crop residues for wind erosion control.	3
C-66. Strip cropping for wind erosion control and vetch in corn for soil improvement	4
C-68. Food for fitness	15
C-69. Scope report	5
C-70. Protect frozen food from temperature damage.	14
C-72. Home demonstration membership studies	5
C-74. Weight control ("The oopsies")	15
C-76. Glamorizing vegetables	16
C-77. America the beautiful	2
C-78. Non-fat dry milk in family meals	9
C-79. Dry eggs in family meals.	9
C-80. Food costs	1, 14
C-81. Main dishes in family meals.	9
C-82. Agricultural outlook charts 1962.	1
C-83. Food is a bargain.	1

ALPHABETICAL LIST

Black and White

	Page
707. Agriculture then and now	6, 8
151. Anatomy of the honeybee, The	12
657. Backyard vegetable garden, A	11
675. Birds--their value to agriculture	4
718. Children in the kitchen	8
517. Colonial home industries	7
604. Community forests, a local asset	6
572. Corn Belt farmers fight erosion	4
171. Diagnosis of bee diseases in the apiary	12
697. Drying ear corn with forced air	2
676. Farm to fit your land	2
638. Finding minutes	10
346. First lessons in beekeeping	12
698. 4-H Club work in the U. S. A.	6
277. George Washington, The farmer	7
708. Grain Sanitation	12
699. Great flood, The	3
334. Historic rural homes	8
656. Home-grown plants for transplanting	11
555. Homemaking in colonial days	7
399. Insects, their growth and structure	12
680. Irrigation--lifeblood of the West	3
722. Livestock market news in action	13
641. New gardener, The	10
299. On the trail of George Washington	7
587. Planning our family life	5
692. Planning the home vegetable garden	11
693. Pots and pans for your kitchen	8
642. Prevent farm fires	13
682. Production of maple syrup, The	6
710. Quality of a man's suit	10
685. Rabbit raising	13
672. Raindrops and erosion	3
691. Retailing prepackaged produce	14
331. Rural colonial and early American homes and gardens	7
649. Simple way to iron a shirt, A	10
706. Soil conservation is your business	2
705. Special techniques for the home gardener	11
643. Step by step in everyday tasks	9
723. Story of a USDA popular bulletin	16
704. Summer care and harvesting in the home garden	11
709. The fit of a man's suit	10
653. Thomas Jefferson, the farmer	7
616. Transferring bees to movable-frame hives	12
668. Wild fruits for soil conservation	4
670. Wildlife and soil conservation	4

Color

	Page
C-60. A job for you in agricultural journalism	6
C-36. A man's appearance counts	10
C-2. A step-saving U kitchen.	8
C-82. Agricultural outlook charts 1962	1
C-77. America the beautiful	2
C-58. Beltsville energy saving kitchen	8
C-15. Classification in a nutshell.	16
C-23. Cooking fresh vegetables for the school lunch	15
C-64. Developing pastures, establishing alfalfa under wind erosion hazard	3
C-79. Dry eggs in family meals	9
C-44. Effective use of visuals in agriculture	6
C-24. Electric farming gets more to market	1
C-47. Evergreen shrubs for dooryard planting.	11
C-55. Farm and home development	5
C-50. Farm water systems.	2
C-13. Fitting dresses	10
C-80. Food costs	1, 14
C-68. Food for fitness	15
C-83. Food is a bargain.	1
C-29. Freezing broccoli and corn on the cob	9
C-30. Freezing strawberries and peaches	9
C-76. Glamorizing vegetables	16
C-72. Home demonstration membership studies	5
C-25. Improving dairy herds	13
C-38. Irrigating the electric way	11
C-37. Is Research your job?	15
C-8. Know your land	2
C-40. Let's have more vitamin A and C foods in school lunches	15
C-81. Main dishes in family meals	9
C-48. Maintaining garden freshness in fruits and vegetables.	14
C-57. Marketing builds produce sales.	13
C-78. Non-fat dry milk in family meals	9
C-52. Objectives of marketing information for consumers	5
C-54. Plants poisonous to livestock	13
C-45. Posters teach nutrition around the world	5
C-35. Preparing a school lunch.	15
C-70. Protect frozen food from temperature damage	14
C-69. Scope report	5
C-66. Strip cropping for wind erosion control and vetch in corn for soil improvement	4
C-22. The land and the book	3
C-41. Tooling up for the job	5
C-59. U.S. standards for ready-to-cook poultry.	14
C-53. U.S. standards of quality for shell eggs	14
C-74. Weight control ("The oopsies")	15
C-16. When it's your turn at the meat counter	9
C-63. Wind erosion control through tillage and ridge planting	3
C-62. Wind erosion control under irrigation	3
C-65. Winter cover crops and crop residues for wind erosion control.	3



Growth Through Agricultural Progress